



PTO/SB/08a/b (08-03)
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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	10/824674
				Filing Date	April 14, 2004
				First Named Inventor	Raanan A. Miller
				Art Unit	2853
				Examiner Name	Not Yet Assigned LAM NGUEN
Sheet	1	of	3	Attorney Docket Number	SION-P02-006

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
LN		2,615,135	10/21/52	Glenn, Jr., W.E.	250/41.9
		2,818,507	12/31/57	Britten, R.J.	250/41.9
		2,919,348	12/29/59	A. Bierman	250/41.9
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		3,621,240	11/15/71	Cohen, et al.	250/41.9
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FOREIGN PATENT DOCUMENTS					
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
LN	B1	WO 01/08197 A1	02/01/01	The Charles Stark Draper Lab	—

Examiner Signature		Date Considered	02/24/03
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				Art Unit	2853
				Examiner Name	Not Yet Assigned LAM NGU <i>LN</i>
Sheet	2	of	3	Attorney Docket Number	SION-P02-006

<i>LN</i>	B2	WO 01/22049 A2	03/29/01	Haley, L., et al.	<i>—</i>	
<i>LN</i>	B3	WO 01/35441 A1	05/17/01	The Charles Stark Draper Lab	<i>—</i>	
<i>LN</i>	B4	WO 01/69220 A2	09/20/01	National Research Council Canada	<i>—</i>	
<i>LN</i>	B5	WO 01/69647 A2	09/20/01	National Research Council Canada	<i>—</i>	
<i>LN</i>	B6	WO 02/071053 A2	09/12/02	The Charles Stark Draper Lab	<i>—</i>	
<i>LN</i>	B7	WO 02/083276 A1	10/24/02	The Charles Stark Draper Lab	<i>—</i>	
<i>LN</i>	B8	WO 03/005016 A1	1/16/03	Sionex Corporation	<i>—</i>	
<i>LN</i>	B9	WO 03/015120 A1	2/20/03	Sionex Corporation	<i>—</i>	

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NON PATENT LITERATURE DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
<i>LN</i>	C1	"A Micromachined Field Driven Radio Frequency-Ion Mobility Spectrometer for Trace Level Chemical Detection," A Draper Laboratory Proposal Against the "Advanced Cross-Enterprise Technology Development for NASA Missions," Solicitation, NASA NRA 99-OSS-05.				
<i>LN</i>	C2	BARNETT, D.A. et al., "Isotope Separation Using High-Field Asymmetric Waveform Ion Mobility Spectrometry," Nuclear Instruments & Methods in Physics Research (2000), pp 179-185, 450(1).				
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<i>LN</i>	C4	CARNAHAN, B. et al., "Field Ion Spectrometry - A New Technology for Cocaine and Heroin Detection," SPIE, (1997), pp 106-119, 2937.				
<i>LN</i>	C5	DEMIREV, P.A., et al., "Microorganism Identification by Mass Spectrometry and Protein Database Searches, (1999), pp 2732-2738, 74(14).				
<i>LN</i>	C6	DEMIREV, P.A., et al., "Tandem Mass Spectrometry of Intact Proteins for Characterization of Biomarkers from Bacillus cereus T spores," Analytical Chem., (2001), pp 5725-5731, 73(23).				
<i>LN</i>	C7	EICEMAN, G.A., et al., "Miniature radio-frequency mobility analyzer as a gas chromatographic detector for oxygen-containing volatile organic compounds, pheromones, and other insect attractants," J. Chromatography, (2001), pp 205-217, 917.				
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<i>LN</i>	C9	FOX, A., et al., "Determination of Carbohydrate Profiles of Bacillus anthracis and Bacillus cereus Including Identification of O-Methyl Methylpentoses Using Gas Chromatography-Mass Spectrometry," J. Clin. Microbiol. (1993) pp 887-894, 31(4).				
<i>LN</i>	C10	GUEVREMONT, R. et al., "Atmospheric Pressure Ion Focusing in a High-Field Asymmetric Waveform Ion Mobility Spectrometer," Review of Scientific Instruments, (1999), pp 1370-1383, 70(2).				
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Sheet	3	of	3	Attorney Docket Number	SION-P02-006

<i>LN</i>		Field Asymmetric Waveform Ion Mobility Spectrometry Mass Spectrometry," Journal of Chemical Physics, (2001), pp 10270-10277, 114(23).	
<i>LN</i>	C12	HATHOUT, Y., et al., "Identification of Bacillus Spores by Matrix-Assisted Laser Desorption Ionization Mass Spectrometry," Appl. Environ Microbiol. (1999), pp 4313-4319, 65(10).	
<i>LN</i>	C13	JAVAHERY, G. et al., "A Segmented Radiofrequency-Only Quadrupole Collision Cell for Measurements of Ion Collision Cross Section on a Triple Quadrupole," Mass Spectrometer, J. Am. Soc. Mass. Spectrom., (1997), pp 697-702, 8.	
<i>LN</i>	C14	KRISHNAMURTHY, T., et al., "Liquid Chromatography/Microspray Mass Spectrometry for Bacterial Investigations," (1999), pp 39-49, 13.	
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<i>LN</i>	C18	MILLER, R.A. et al., "A MEMS radio-frequency ion mobility spectrometer for chemical vapor detection," Sensors and Actuators, (2001), pp 301-12, A91.	
<i>LN</i>	C19	MILLER, R.A. et al., "A Novel Micromachined High-Field Asymmetric Waveform-Ion Mobility Spectrometer," Sensors and Actuators B, (2000) pp 300-306, 867 (3).	
<i>LN</i>	C20	MOWRY, C., et al., "Rapid Detection of Bacteria with Miniaturized Pyrolysis-Gas Chromatographic Analysis," Proc. Of SPIE, (2001), pp 83-90, 475.	
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<i>LN</i>	C24	RIEGNER, D.E. et al., "Qualitative Evaluation of Field Ion Spectrometry for Chemical Warfare Agent Detection," Proceedings of the ASMS Conference on Mass Spectrometry and Allied Topics (June, 1997), pp 473A-473B.	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>Camryn</i>	Date Considered	02/24/08
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